

*Law Office of Jacob C. Evans*

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Received & Inspected

**JUL 20 2011**

FCC Mail Room

July 14, 2011

Ms. Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12th Street SW  
Washington, DC 20554

Re: Comment Deadlines Established Regarding the LightSquared Technical Working  
Group Report, IB Docket No. 11-109

Dear Ms. Dortch:

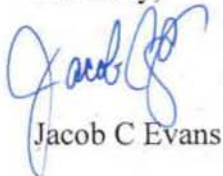
I have been following the debate about LightSquared's efforts to launch a nationwide broadband wireless network. The stonewalling from the GPS industry has caused me great concern and pushed me to voice my opinion.

Increased broadband is a must for not only Ohio but also our country. Efforts such as the one being put forth by LightSquared should be encouraged not stifled. As I understand, the GPS industry had known for years about the use of this spectrum and chose not to do anything. I further understand the LightSquared is taking steps to ensure that any interference is greatly minimized but yet the GPS industry is doing nothing.

People who could greatly benefit from this increased broadband access should not have to wait because the GPS industry has refused to act. This effort by LightSquared has the potential to greatly impact the economy and could be a real benefit for small business owners like myself.

I ask that the FCC approve LightSquared's effort to move forward and not let this opportunity slip away.

Sincerely,

  
Jacob C Evans

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Mike & Kathy Sutton  
11440 Walden Ln.  
Houston, TX 77024-7526

Telephone: 713-532-0691

July 15, 2011

Chairman Julius Genachowski  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

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JUL 20 2011  
FCC Mail Room

**Re: Comments regarding FCC IB Docket No. 11-109, Interference with GPS Signals**

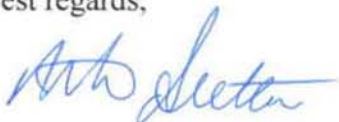
Dear Chairman Genachowski,

As the conditional approval for the LightSquared wireless broadband access plan is being examined, I write to ask you to preserve the integrity of the nation's Global Positioning Satellite (GPS) system. I urge you to strongly consider the effects the plan will have on the safety and operability of the GPS system.

Millions depend on applications that rely on the accuracy and response of the GPS system. These range from locating 911 calls on cell phones to location of lost recreational users such as boaters and hikers. Both commercial and private aviation now depend on the GPS system for accurate data. Land surveyors depend on accurate GPS information to determine property boundaries' and locate roads, buildings and bridges.

The integrity of the GPS signal is critical to these applications and the possibility of interference with this integrity should cause the Commission to closely examine the plan to prevent the public safety disaster that would occur if operation of the GPS system is potentially degraded by the plan.

Best regards,



Mike Sutton

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July 15, 2011

Federal Communications Commission  
445 12th St., SW  
Room TWA325  
Washington, DC 20554

Re: Comments regarding FCC IB Docket No. 11-109, Interference with GPS Signals

Dear Federal Communications Commission:

As you consider the conditional approval for LightSquared, I write to ask you to preserve the integrity of the nation's GPS system.

Last year, the federal government shut down the Loran navigation system, making recreational mariners solely reliant on GPS for all electronic navigation needs. Like so many other GPS users around the country, GPS is now integrated into our daily outings, and we look to the FCC to protect the integrity of the GPS signal.

I would be lost on land and in the water without a reliable GPS service. My company TouchTunes Interactive Networks relies on Long / Lat accuracy for our Iphone and Android Applications. Any shift in this technology will cause personal and business hardships across the country.

Thank You  
Evan Steiner

Sincerely,



Evan Steiner  
925-709-4505

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July 15, 2011

Federal Communications Commission  
445 12th Street SW  
Washington, DC 20554

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FCC Mail Room



**RE: DOCKET: 11-109**

Dear Commissioners:

The membership of our organization consists of small family-owned businesses actively engaged in soil and water management through installation of agricultural drainage systems, conservation practices and other excavation/construction services throughout Michigan.

During the past decade, high-precision GPS technology that we all use on a daily basis has enabled us to become extremely efficient in providing services to land owners and other businesses. GPS technology allows us to make farmland more productive, conservation practices more environmentally beneficial and excavation/construction projects more accurate, saving time, money and fuel—there is no question, our businesses have become reliant upon GPS technology.

Before you is proposal, docket 11-109 by the *LightSquared Company*, that we believe will not only interfere with GPS systems critical to our businesses, but will also impact everyone using high-precision GPS technology including farmers, construction companies, excavation businesses and many others.

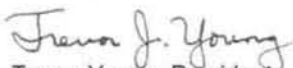
We would encourage you to ensure that *LightSquared's* proposal is fully tested and if there are adverse impacts to others, their proposal should be denied until they can prove otherwise. We understand that the *LightSquared* company's technology has already shown drastic interference with current GPS technology. We all have a significant investment in our GPS systems and it is critical that *LightSquared* operates on a completely different frequency for land based RF and not affecting Satellite based RF.


The proposed 40,000 ground-based, high power transmitter towers alone will have a significant impact on communities across the U.S. In addition, having these transmitters interfering with local businesses that rely on technology critical to their businesses is both unfair and unacceptable.

We would greatly appreciate the Commission's very careful review and thorough examination of this critically important issue to our businesses. *LightSquared* needs to prove that they will not interfere with High-Precision GPS or they absolutely should not be granted approval.


Thank you for your attention to this issue.

Sincerely,

  
Trevor Young, President  
Ravenna

  
Mike Pennington, Vice President  
Corunna

  
Mike Cook, Secretary  
Westphalia

  
Russ Talaski, Chair of Board  
Harbor Beach

  
Will Word, Chair, Legislative Committee  
Camden

  
Scott Everett,  
Executive Director  
Lansing

cc: Michigan Members of Congress: Dave Camp, Bill Huizenga, Candice Miller, Mike Rogers, Fred Upton, Tim Walberg  
Michigan Senators: Carl Levin, Debbie Stabenow  
Kevin Daley, Chair, Michigan House Agriculture Committee  
Joe Hune, Chair, Michigan Senate Agriculture Committee

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Mike & Kathy Sutton  
11440 Walden Ln.  
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July 15, 2011

Commissioner Michael J. Copps  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

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JUL 20 2011

FCC Mail Room

**Re: Comments regarding FCC IB Docket No. 11-109, Interference with GPS Signals**

Dear Commissioner Copps,

As the conditional approval for the LightSquared wireless broadband access plan is being examined, I write to ask you to preserve the integrity of the nation's Global Positioning Satellite (GPS) system. I urge you to strongly consider the effects the plan will have on the safety and operability of the GPS system.

Millions depend on applications that rely on the accuracy and response of the GPS system. These range from locating 911 calls on cell phones to location of lost recreational users such as boaters and hikers. Both commercial and private aviation now depend on the GPS system for accurate data. Land surveyors depend on accurate GPS information to determine property boundaries' and locate roads, buildings and bridges.

The integrity of the GPS signal is critical to these applications and the possibility of interference with this integrity should cause the Commission to closely examine the plan to prevent the public safety disaster that would occur if operation of the GPS system is potentially degraded by the plan.

Best regards,



Mike Sutton

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FCC Mail Room

July 14, 2011

The Honorable Julius Genachowski  
Chairman  
U.S. Federal Communications Commission  
445 12th Street, SW  
Washington, D.C. 20554

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FCC Mail Room

**Subject: IB Docket Number 11-109. FCC File No. SAT-Mod-20101118-00239, LightSquared  
Subsidiary LLC (LightSquared) Request for Modification of its Authority for an  
Ancillary Terrestrial Component**

Dear Chairman Genachowski:

Chandler/May Inc. provides systems development and manufacturing support to the Unmanned Aircraft Industry. We have approximately 100 employees in Huntsville, AL. The unmanned aircraft industry continues to grow in size and importance, and we see great opportunities for economic expansion in this exciting area.


As members of the unmanned systems community, our management team and our employees are deeply concerned about a current waiver request from LightSquared to operate high-powered terrestrial transmitters on a radio frequency adjacent to the weak satellite-based Global Positioning System (GPS). Independent studies show that LightSquared's terrestrial operations could completely knockout GPS receivers for miles around each transmitter.

We ask that before the Federal Communications Commission grants LightSquared this waiver to build tens of thousands of high-powered terrestrial transmitters and use a radio frequency adjacent to GPS, more research and studies be done to assess the impact this initiative may have on GPS, and as a consequence the unmanned systems community.

As you know, all around the world, unmanned systems (air, ground, and maritime) rely on accurate, dependable GPS signals. The lack of a reliable GPS signal poses a serious threat to our public safety and national defense, and the potential expense of retrofitting or replacing affected GPS receivers would truly be an undue burden.

I ask that you take careful consideration of the potential harm LightSquared's proposed plan would have on the emerging field of unmanned systems, not to mention all other users of GPS. Thank you for the opportunity to submit comments for the official record.

Sincerely,

  
Jay Chandler  
Executive Vice President  
Chandler/May, Inc.

cc Congressman Mo Brooks, Huntsville, AL

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Mike & Kathy Sutton  
11440 Walden Ln.  
Houston, TX 77024-7526

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Commissioner Mignon Clyburn  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

JUL 20 2011

FCC Mail Room

**Re: Comments regarding FCC IB Docket No. 11-109, Interference with GPS Signals**

Dear Commissioner Clyburn,

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Mike & Kathy Sutton  
11440 Walden Ln.  
Houston, TX 77024-7526

Telephone: 713-532-0691

July 15, 2011

Commissioner Robert McDowell  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

**Re: Comments regarding FCC IB Docket No. 11-109, Interference with GPS Signals**

Dear Commissioner McDowell,

As the conditional approval for the LightSquared wireless broadband access plan is being examined, I write to ask you to preserve the integrity of the nation's Global Positioning Satellite (GPS) system. I urge you to strongly consider the effects the plan will have on the safety and operability of the GPS system.

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